ARCHIVES OF

OTOLARYNGOLOGY

VOLUME 89

JANUARY THROUGH JUNE, 1969

American Medical Association Publication

Archives of Otolaryngology
Editorial Board

Chief Editor
George E. Shambaugh, Jr., MD,
55 E Washington St,
Chicago, Ill 60602

Assistant Chief Editor
Wiley H. Harrison, MD,
Chicago

George W. Allen, MD,
Chicago

Jack R. Anderson, MD,
New Orleans

Lester A. Brown, MD,
Atlanta

Francis I. Catlin, MD,
Baltimore

John J. Conley, MD,
New York

Earl R. Harford, MD,
Evanston, Ill

Jerome A. Hilger, MD,
St. Paul

Merle Lawrence, PhD,
Ann Arbor, Mich

Paul G. Moore, PhD,
Gainesville, Fla

G. O'Neil Proud, MD,
Kansas City, Kan

F. Johnson Putney, MD,
Charleston, SC

Maurice Schiff, MD,
LaJolla, Calif

Consulting Editors
Hollie E. McHugh, MD,
Montreal

Joseph A. Sullivan, MB,
Toronto

Book Review Editor
Jack D. Clemis, MD,
Chicago

Associate Editors
B. R. Alford, MD,
Houston

I. Kaufman Arenberg, MD,
St. Louis

James R. Chandler, Jr., MD,
Miami, Fla

James D. Donaldson, MD,
Seattle

John M. Fredrickson, MD,
Palo Alto, Calif

Jack D. Kerth, MD,
Cleveland

Karsten Kettel, MD,
Hillerod, Denmark

John R. Lindsay, MD,
Chicago

David O. Merifield, MD,
Tulsa, Okla

Alvin J. Novack, MD,
Seattle

Henry B. Perlman, MD,
Chicago

Bruce Proctor, MD,
Royal Oak, Mich

Joseph Sataloff, MD,
Philadelphia

William K. Wright, MD,
Houston

AUTHOR INDEX TO VOLUME 89

In this Index in alphabetical order are listed the names of authors of all articles. Full citation is given under first author only; reference is made from joint authors. Page numbers in the Index refer to boldface numbers in the text.

A

Alford, B. R.: See Sheehy, J. L.

Alpert, D. S.: Subgeneral anesthesia, 614 (Ap)

Amjad, A. H.; Scheer, A. A., and Rosenthal, J.: Human internal auditory canal, 709 (My)

Anderson, T. R.: See Gregg, J. B.

Angell-James, J.: Meniere's disease, 95 (Ja)
See also Jordan, R. E.

Anson, B. J.: Endolymphatic hydrops, 70 (Ja)
See also Hoenk, B. E.

Antoli-Candela, F.: Acoustic neuroma, 334 (Fe)
Long-term results in stapedectomy, 412 (Fe)
Surgery for hydrops, 115 (Ja)
See also Bradley, W. H.; Jordan, R. E.

Arenberg, I. K.: See Shambaugh, G. E., Jr.

Arnold, G. E.: Extrinsic laryngeal muscles (corres.), 557 (Mr)

Austin, D. F.: Types and indications of staging, 235 (Fe)

B

Balogh, K.: See Kaufman, R. S.

Baron, S. H.: See Derlacki, E. L.

Beales, P. H.: Complications following obliterative mastoid operations, 196 (Ja)
See also Derlacki, E. L.

Bellucci, R. J.: Survey of stapes surgery, 408 (Fe)
See also Derlacki, E. L.; Proud, G. O.

Bernstein, L.: Z-plasty in head and neck surgery, 574 (Ap)

Bestler, J. M., and Toomey, J. M.: Malignant carotid body tumor, 752 (My)

Bikhazi, H. B.; Thompson, E. R., and Shumrick, D. A.: Caustic ingestion: current status, 770 (My)

Blair, O. M., and Sanchez, J. E.: Teratoma of the tonsil, 745 (My)

Blevins, C. E.: See English, D. T.

Bloom, B. S.: See Goldman, J. L.

Boedts, D. A. A., and Vandenhove, P. T. E.: Droperidol-fentanyl citrate in equilibratory disturbances, 715 (My)

Bogomilsky, M. R.: The use of venous homotransplant in tympanoplasty, 790 (My)

Bordley, J. E.; Bucy, P. C.; Cawthorne, T.; House, W. F.; Johnson, E. W.; Tillman, T. W., and Valvassori, G.: Early diagnosis of acoustic neuromas; round table, 302 (Fe)

Boulware, M. H.: Snoring (corres.), 558 (Mr)

Bradley, W. H.; Antoli-Candela, F.; Bucy, P. C.; Burns, R. O.; House, W. F.; Kurze, T.; Mayfield, F. H., and Montgomery, W. W.: Techniques of acoustic neuroma surgery; round table, 326 (Fe)

Buckingham, R. A.: See Farrior, J. B.

Bucy, P. C.: Early diagnosis of acoustic neurinomas, 294 (Fe)
See also Bordley, J. E.; Bradley, W. H.

Burke, K. S.: Zwislocki acoustic bridge, 727 (My)

Burns, R. O.: See Bradley, W. H.

Busis, S. N.: Neuro-otologic tests and examination, 1 (Ja)

C

Carhart, R.: Special hearing tests for otoneurologic diagnosis, 38 (Ja)

Carlos, V. E.: See House, H. P.

Cawthorne, T.: Choice of labyrinthine surgery for hydrops, 108 (Ja)
diagnosis of acoustic neuromas, 299 (Fe)
See also Bordley, J. E.; House, H. P.; Jordan, R. E.; Sheehy, J. L.; Sullivan, J. A.

Chandra, R.: Transpalatal approach for vidian neurectomy, 542 (Mr)

Cinelli, J. A.: Calibrated chin augmentation, 588 (Ap)

Clemis, J. D.: Medical management of Meniere's disease, 90 (Ja)
See also Shambaugh, G. E., Jr.

Cohen, A., and Rosenwasser, H.: Fibrous dysplasia of the temporal bone, 447 (Mr)

Collins, G. J., Jr.; Newell, R. C., and Randolph, G. G.: Neurofibromatosis as a cause of conductive hearing loss, 703 (My)

Compere, W. E.: See Sheehy, J. L.

Cracovaner, A. J., and Vieta, J. O.: Benign mesenchymoma of the tongue, 665 (Ap)

D

Damjanov, I.: See Katubig, C.

Dawson, J. B.: A simple otoscopic "Siegle's speculum" facility, 785 (My)

Densert, O.; Rausing, A., and Toremalm, N. G.: Wegener's granulomatosis following stapedectomy, 826 (Je)

Derlacki, E. L.; Baron, S. H.; Beales, P. H.; Bellucci, R. J.; Guilford, F. R.; Plester, D., and Sheehy, J. L.: Selection of closed vs open technique for cholesteatomas, round table, 211 (Fe)
See also Proud, G. O.

DeSanto, L. W., and Schubert, H. A.: Bell's palsy, 700 (My)

Donaldson, J. A.: Simple subcortical mastoidectomy, 912 (Je)
See also Farrior, J. B.

Downey, W. L., and Ward, P. H.: Branchial cleft cysts in the mediastinum, 762 (My)

Drachman, D. A.: Bell's palsy, 147 (Ja)
See also Sullivan, J. A.

E

Edlin, A. I.: See McDevitt, T. J.

English, D. T., and Blevins, C. E.: Motor units of laryngeal muscles, 778 (My)

Eviatar, A.: See Harris, I.; Katz, R. D.

F

Farrior, J. B.: Tympanoplasty (ossicular repositioning in reconstruction), 221 (Fe)
Buckingham, R. A.; Donaldson, J. A.; Rambo, J. H. T.; Wright, W. K., and Zollner, F.: Management of atelectatic middle ear; round table, 199 (Ja)

Fascenelli, F. W.: See Fredrickson, J. M.

Fletcher, M.: See McCabe, B. F.

Fredrickson, J. M.; Kornhuber, H. H., and Goode, R. L.: Nystagmus, 504 (Mr)
Strahan, R. W., and Fascenelli, F. W.: Technique of microvascular suture anastomosis, 569 (Ap)

Freeman, M. J.: Reply to Dr. Conley (corres.), 558 (Mr)

Friedman, W. H., and Goldman, J. L.: Tritiated thymidine studies of radiated laryngeal cancer, 766 (My)
See also Goldman, J. L.

G

Galich, R.: Salivary gland neoplasms in childhood, 878 (Je)

Gamble, J. E.: Orbital floor implants, 596 (Ap)

Gardner, J. F.: Tonsillectomies; reply (corres.), 559 (Mr)

Gaskill, J. R.: Anesthesia (corres.), 919 (Je)

Geretti, R.: See Miller, A. L.

Goldman, J. L.; Bloom, B. S.; Zak, F. G.; Friedman, W. H.; Gunsberg, M. J., and Silverstone, S. M.: Serial microscopic studies of radical neck dissections, 620 (Ap)
See also Friedman, W. H.

Goldstein, J. C.: See Sisson, G. A.

Goode, R. L.: See Fredrickson, J. M.

Goodhill, V.: See Harris, I.; Katz, R. D.

Gould, W. J.: See Schneider, C.

Green, D. S.: Non-occluding earmolds with CROS and IROS hearing aids, 512 (Mr)

Greenfield, E. C.: See House, H. P.

Gregg, J. B., and Anderson, T. R.: Myringitis secondary to a keratin horn, 707 (My)

Guilford, F. R.: Indications for obliteration and closed mastoid operations, 191 (Ja)
See also Derlacki, E. L.; House, H. P.

Gunsberg, M. J.: See Goldman, J. L.

Gunter, J. P.: Anatomical observations of the lower lateral cartilages, 599 (Ap)

H

Hamberger, C.-A.: See McCabe, B. F.; Sheehy, J. L.

Harpman, J. A.: Glomus jugulare tumors (corres.), 557 (Mr)

Harris, I.; Eviatar, A., and Goodhill, V.: Droperidol and fentanyl citrate compound as a vestibular depressant, 482 (Mr)

Harrison, W. H.: See House, H. P.

Hast, M. H.: Extrinsic laryngeal muscles; reply (corres.), 557 (Mr)

Hilding, D. A., and Selker, R.: Total resection of the temporal bone for carcinoma, 636 (Ap)

Hirano, M.; Koike, Y., and Joyner, J.: Style of phonation, 902 (Je)

Hitselberger, W. E., and Witten, R. M.: Jugular venography, 167 (Ja)

Hoenk, B. E.; McCabe, B. F., and Anson, B. J.: Cholesteatoma auris behind a bony atresia plate, 470 (Mr)

Hohmann, A.: See Work, W. P.

Hoople, G. D.: Question and answer period; round table, 311 (Fe)

Hormia, M., and Koskinen, O.: Metastasizing nasopharyngeal angiofibroma, 523 (Mr)

Hough, J. V. D.: Long-term results in partial stapedectomy, 414 (Fe)
See also Proud, G. O.

House, H. P.: The critical malpractice problem, 685 (My)
Medical ethics (corres.), 442 (Fe)
Medical vocabulary (corres.), 919 (Je)
and Greenfield, E. C.: Five-year study of wire loop-absorbable gelatin sponge technique, 420 (Fe)
Carlos, V. E.; Cawthorne, T.; Guilford, F. R.; Harrison, W. H.; Paparella, M. M.; Schuknecht, H. F., and Shea, J. J.: Postoperative complications of stapedectomy, 384 (Fe)
See also Proud, G. L.

House, W. F.: Shunt and other operations for hydrops, 104 (Ja)
See also Bordley, J. E.; Bradley, W. H.; Jordan, R. E.; McCabe, B. F.; Work, W. P.,

Hussl, B., and Lim, D. J.: Secretory cells in the middle ear mucosa of the guinea pig, 691 (My)
See also Lim, D. J.

I

Istre, C. O., Jr.: See Schuring, A. G.

J

Jaquiss, G. W.: See Yarington, C. T., Jr.

Johnson, E. W.: Audiologic diagnosis of acoustic neuromas, 280 (Fe)
See also Bordley, J. E.

Jongkees, L. B. W.: Some remarks on the history of transtemporal bone acoustic neuroma surgery, 316 (Fe)
Tests for facial nerve function, 127 (Ja)
Vestibular physiology and tests, 11 (Ja)
See also Sheehy, J. L.; Sullivan, J. A.

Jordan, R. E.; Angell-James, J.; Antoli-Candela, F.; Cawthorne, T.; House, W. F.; Portmann, M., and Shea, J. J.: Surgery for hydrops; round table, 112 (Ja)

Joyner, J.: See Hirano, M.

K

Kahaner, H.: See Trible, W. M.

Kankkunen, A.: See Liden, G.

Karmody, C. S.: Asymptomatic maternal rubella and congenital deafness, 720 (My)

Katubig, C., and Damjanov, I.: Branchial cleft carcinoma, 750 (My)

Katz, R. D.; Eviatar, A., and Goodhill, V.: Diphenidol and vestibular function, 488 (Mr)

Carlos, V. E.: See House, H. P.

Cawthorne, T.: Choice of labyrinthine surgery for hydrops, 108 (Ja)
diagnosis of acoustic neuromas, 299 (Fe)
See also Bordley, J. E.; House, H. P.; Jordan, R. E.; Sheehy, J. L.; Sullivan, J. A.

Chandra, R.: Transpalatal approach for vidian neurectomy, 542 (Mr)

Cinelli, J. A.: Calibrated chin augmentation, 588 (Ap)

Clemis, J. D.: Medical management of Meniere's disease, 90 (Ja)
See also Shambaugh, G. E., Jr.

Cohen, A., and Rosenwasser, H.: Fibrous dysplasia of the temporal bone, 447 (Mr)

Collins, G. J., Jr.; Newell, R. C., and Randolph, G. G.: Neurofibromatosis as a cause of conductive hearing loss, 703 (My)

Compere, W. E.: See Sheehy, J. L.

Cracovaner, A. J., and Vieta, J. O.: Benign mesenchymoma of the tongue, 665 (Ap)

D

Damjanov, I.: See Katubig, C.

Dawson, J. B.: A simple otoscopic "Siegle's speculum" facility, 785 (My)

Densert, O.; Rausing, A., and Toremalm, N. G.: Wegener's granulomatosis following stapedectomy, 826 (Je)

Derlacki, E. L.; Baron, S. H.; Beales, P. H.; Bellucci, R. J.; Guilford, F. R.; Plester, D., and Sheehy, J. L.: Selection of closed vs open technique for cholesteatomas, round table, 211 (Fe)
See also Proud, G. O.

DeSanto, L. W., and Schubert, H. A.: Bell's palsy, 700 (My)

Donaldson, J. A.: Simple subcortical mastoidectomy, 912 (Je)
See also Farrior, J. B.

Downey, W. L., and Ward, P. H.: Branchial cleft cysts in the mediastinum, 762 (My)

Drachman, D. A.: Bell's palsy, 147 (Ja)
See also Sullivan, J. A.

E

Edlin, A. I.: See McDevitt, T. J.

English, D. T., and Blevins, C. E.: Motor units of laryngeal muscles, 778 (My)

Eviatar, A.: See Harris, I.; Katz, R. D.

F

Farrior, J. B.: Tympanoplasty (ossicular repositioning in reconstruction), 221 (Fe)
Buckingham, R. A.; Donaldson, J. A.; Rambo, J. H. T.; Wright, W. K., and Zollner, F.: Management of atelectatic middle ear; round table, 199 (Ja)

Fascenelli, F. W.: See Fredrickson, J. M.

Fletcher, M.: See McCabe, B. F.

Fredrickson, J. M.; Kornhuber, H. H., and Goode, R. L.: Nystagmus, 504 (Mr)
Strahan, R. W., and Fascenelli, F. W.: Technique of microvascular suture anastomosis, 569 (Ap)

Freeman, M. J.: Reply to Dr. Conley (corres.), 558 (Mr)

Friedman, W. H., and Goldman, J. L.: Tritiated thymidine studies of radiated laryngeal cancer, 766 (My)
See also Goldman, J. L.

G

Galich, R.: Salivary gland neoplasms in childhood, 878 (Je)

Gamble, J. E.: Orbital floor implants, 596 (Ap)

Gardner, J. F.: Tonsillectomies; reply (corres.), 559 (Mr)

Gaskill, J. R.: Anesthesia (corres.), 919 (Je)

Geretti, R.: See Miller, A. L.

Goldman, J. L.; Bloom, B. S.; Zak, F. G.; Friedman, W. H.; Gunsberg, M. J., and Silverstone, S. M.: Serial microscopic studies of radical neck dissections, 620 (Ap)
See also Friedman, W. H.

Goldstein, J. C.: See Sisson, G. A.

Goode, R. L.: See Fredrickson, J. M.

Goodhill, V.: See Harris, I.; Katz, R. D.

Gould, W. J.: See Schneider, C.

Green, D. S.: Non-occluding earmolds with CROS and IROS hearing aids, 512 (Mr)

Greenfield, E. C.: See House, H. P.

Gregg, J. B., and Anderson, T. R.: Myringitis secondary to a keratin horn, 707 (My)

Guilford, F. R.: Indications for obliteration and closed mastoid operations, 191 (Ja)
See also Derlacki, E. L.; House, H. P.

Gunsberg, M. J.: See Goldman, J. L.

Gunter, J. P.: Anatomical observations of the lower lateral cartilages, 599 (Ap)

H

Hamberger, C.-A.: See McCabe, B. F.; Sheehy, J. L.

Harpman, J. A.: Glomus jugulare tumors (corres.), 557 (Mr)

Harris, I.; Eviatar, A., and Goodhill, V.: Droperidol and fentanyl citrate compound as a vestibular depressant, 482 (Mr)

Harrison, W. H.: See House, H. P.

Hast, M. H.: Extrinsic laryngeal muscles; reply (corres.), 557 (Mr)

Hilding, D. A., and Selker, R.: Total resection of the temporal bone for carcinoma, 636 (Ap)

Hirano, M.; Koike, Y., and Joyner, J.: Style of phonation, 902 (Je)

Hitselberger, W. E., and Witten, R. M.: Jugular venography, 167 (Ja)

Hoenk, B. E.; McCabe, B. F., and Anson, B. J.: Cholesteatoma auris behind a bony atresia plate, 470 (Mr)

Hohmann, A.: See Work, W. P.

Hoople, G. D.: Question and answer period; round table, 311 (Fe)

Hormia, M., and Koskinen, O.: Metastasizing nasopharyngeal angiofibroma, 523 (Mr)

Hough, J. V. D.: Long-term results in partial stapedectomy, 414 (Fe)
See also Proud, G. O.

House, H. P.: The critical malpractice problem, 685 (My)
Medical ethics (corres.), 442 (Fe)
Medical vocabulary (corres.), 919 (Je)
and Greenfield, E. C.: Five-year study of wire loop-absorbable gelatin sponge technique, 420 (Fe)
Carlos, V. E.; Cawthorne, T.; Guilford, F. R.; Harrison, W. H.; Paparella, M. M.; Schuknecht, H. F., and Shea, J. J.: Postoperative complications of stapedectomy, 384 (Fe)
See also Proud, G. L.

House, W. F.: Shunt and other operations for hydrops, 104 (Ja)
See also Bordley, J. E.; Bradley, W. H.; Jordan, R. E.; McCabe, B. F.; Work, W. P.,

Hussl, B., and Lim, D. J.: Secretory cells in the middle ear mucosa of the guinea pig, 691 (My)
See also Lim, D. J.

I

Istre, C. O., Jr.: See Schuring, A. G.

J

Jaquiss, G. W.: See Yarington, C. T., Jr.

Johnson, E. W.: Audiologic diagnosis of acoustic neuromas, 280 (Fe)
See also Bordley, J. E.

Jongkees, L. B. W.: Some remarks on the history of transtemporal bone acoustic neuroma surgery, 316 (Fe)
Tests for facial nerve function, 127 (Ja)
Vestibular physiology and tests, 11 (Ja)
See also Sheehy, J. L.; Sullivan, J. A.

Jordan, R. E.; Angell-James, J.; Antoli-Candela, F.; Cawthorne, T.; House, W. F.; Portmann, M., and Shea, J. J.: Surgery for hydrops; round table, 112 (Ja)

Joyner, J.: See Hirano, M.

K

Kahaner, H.: See Trible, W. M.

Kankkunen, A.: See Liden, G.

Karmody, C. S.: Asymptomatic maternal rubella and congenital deafness, 720 (My)

Katubig, C., and Damjanov, I.: Branchial cleft carcinoma, 750 (My)

Katz, R. D.; Eviatar, A., and Goodhill, V.: Diphenidol and vestibular function, 488 (Mr)

Kaufman, R. S., and Balogh, K.: Verrucas and juvenile laryngeal papillomas, 748 (My)

Kenan, P. D.: See Pope, T. H., Jr.

Kerth, J. D.: Otosclerosis (1966-1967), 794 (My)

Koike, Y.: See Hirano, M.

Kornhuber, H. H.: See Fredrickson, J. M.

Kos, C. M.: Vein plug stapedectomy results, 422 (Fe)
See also Proud, G. O.

Koskinen, O.: See Hormia, M.

Kurze, T.: See Bradley, W. H.

L

Lawrence, M.: Dynamics of labyrinthine fluids, 85 (Ja)

Lederer, F. L.: Question and answer period; round table, 243 (Fe)

Lehman, R. H.: See Miller, A. L.

Lempert, J.: Simple subcortical mastoidectomy (reprint, 1928), 912 (Je)

Levine, S.: Unusual bronchial foreign body, 540 (Mr)

Levitt, M. N.: See McHugh, H. E.

Liden, G.: Tests for stapes fixation, 399 (Fe)
and Kankkunen, A.: Visual reinforcement audiometry, 865 (Je)

Lim, D. J., and Hussl, B.: Human middle ear epithelium, 835 (Je)
See also Hussl, B.

Lyons, G. D.: Squamous cell carcinoma of the nasal septum, 585 (Ap)

M

McCabe, B. F.: Stapes operations; discussion of long-term results, 408 (Fe)
Thermal testing of the vestibular labyrinth, 22 (Ja)
and Fletcher, M.: Selection of therapy of glomus jugulare tumors, 156 (Ja)
Rosenwasser, H.; House, W.; Witten, R. M., and Hamberger, C-A.: Management of glomus tumors, 170 (Ja)
See also Hoenk, B. E.

McDevitt, T. J.; Edlin, A. I., and Nelson, R. B.: Experimental recurrent nerve resection, 892 (Je)

McGovern, F. H.: Management of Bell's palsy; experimental aspects, 144 (Ja)
See also Sullivan, J. A.

McHugh, H. E.; Sowden, K. A., and Levitt, M. N.: Facial paralysis and muscle agenesis in the newborn, 131 (Ja)

Macmillan, A. S.: Radiologic diagnosis of neuro-otological problems by conventional radiology, 52 (Ja)

McNally, W. J.: An evaluation of vestibular testing, 31 (Ja)

Maniglia, A. J.; Mazzarella, L. A.; Minkowitz, S., and Moskowitz, H.: Maxillary sinus angiofibroma treated with cryosurgery, 527 (Mr)

Mayfield, F. H.: See Bradley, W. H.

Mazzarella, L. A.: See Maniglia, A. J.

Merifield, D. O.: Anesthesiology 1967, 669 (Ap)

Miehlke, A.: Typical sites of facial-nerve lesions, 122 (Ja)
See also Sullivan, J. A.

Miller, A. L.; Lehman, R. H., and Geretti, R.: Unusual audiological findings in cranial metaphyseal dysplasia, 861 (Je)

Mills, D.: See Sullivan, J. A.

Mills, J. M.: See Tardy, M. E., Jr.

Minkowitz, S.: See Maniglia, A. J.

Mirani, R.: See Schneider, C.

Montgomery, W. W.: Translabyrinthine resection of the small acoustic neuroma, 319 (Fe)
See also Bradley, W. H.

Moskowitz, H.: See Maniglia, A. J.

Myers, E. N., and Stool, S.: The temporal bone in osteopetrosis, 460 (Mr)

N

Nager, G. T.: Acoustic neurinomas, 252 (Fe)
Histopathology of otosclerosis, 341 (Fe)

Naunton, R. F., and Valvassori, G. E.: Sensorineural hearing loss in otosclerosis, 372 (Fe)

Nelson, R. B.: See McDevitt, T. J.

Newell, R. C.: See Collins, G. J., Jr.

Newman, M. H.: See Olson, N. R.

Nilges, T. C.; Northern, J. L., and Burke, K. S.: Zwislocki acoustic bridge, 727 (My)

Northern, J. L.: See Nilges, T. C.

O

Ochs, I. L.: Tonsillectomies (corres.), 559 (Mr)

Olson, N. R., and Newman, M. H.: Acrylic frontal cranioplasty, 774 (My)

P

Page, I. H.: Medical ethics; reply (corres.), 442 (Fe)

Paparella, M. M.: See House, H. P.

Patterson, C. N.: Siliconized dacron implants in septal and orbital surgery, 609 (Ap)

Plester, D.: See Derlacki, E. L.; Work, W. P.

Pope, T. H., Jr., and Kenan, P. D.: Bell's palsy in pregnancy, 830 (Je)

Portmann, G.: Surgical treatment of vertigo by opening of the saccus endolymphaticus, 809 (Je)

Portmann, M.: Endolymphatic sac surgery, 101 (Ja)
See also Jordan, R. E.; Proud, G. O.

Powers, W. H.: See Sheehy, J. L.

Proud, G. O.; Bellucci, R. J.; Derlacki, E. L.; Hough, J. V. D.; House, H. P.; Kos, C. M.; Portmann, M.; Schuknecht, H. F., and Shea, J. J.: Current techniques for stapes surgery; round table, 432 (Fe)

Pulec, J. L.: Total facial nerve exposure, 179 (Ja)
See also Sheehy, J. L.

R

Rambo, J. H. T.: Musculoplasty for restoration of hearing in chronic suppurative ears, 184 (Ja)
See also Farrior, J. B.

Randolph, G. G.: See Collins, G. J., Jr.

Rausing, A.: See Densert, O.

Romero-Diaz, E.: Stapedectomy without window sealing, 807 (Je)

Rosen, S., and Siegel, K.: Rosen mobilization and stapedectomy, 425 (Fe)

Rosenthal, J.: See Amjad, A. H.

Rosenwasser, H.: Glomus jugulare tumors, 160 (Ja)
Reply to Dr. Harpman (corres.), 558 (Mr)
See also Cohen, A.; McCabe, B. F.

Rothfeld, I. D.: Suture technique of otoplasty, 883 (Je)

Rubin, F. F.: Permanent change in shape of cartilage by morselization, 602 (Ap)

Rubin, W.: Electronystagmography, 19 (Ja)
Tonsillectomy (corres.), 558 (Mr)

Ruggles R. L.: See Stout, J. J., Jr.

Ruedi, L.: Long-term results in stapedectomy, 429 (Fe)
Otosclerotic lesion and cochlear degeneration, 364 (Fe)

Rytzner, C.: Ossicular transposition, 226 (Fe)

S

Sale, C. S.: Myringoplasty with subcutaneous tissue graft, 494 (Mr)

Salinger, S.: Malpractice (corres.), 919 (Je)

Sanchez, J. E.: See Blair, O. M.

Sandberg, C. L., Jr., and Yules, R. B.: The bite-ometer, 682 (Ap)

Sataloff, J.: The resident's page, 546 (Mr); 674 (Ap); 786 (My); 908 (Je)

Scheer, A. A.: See Amjad, A. H.

Schneider, C.; Gould, W. J., and Mirani, R.: Granular cell myoblastoma of larynx, 873 (Je)

Schubert, H. A.: See DeSanto, L. W.

Schuknecht, H. F.: Round table: question and answer period, 338 (Fe)
See also House, H. P.; Proud, G. O.

Schuring, A. G., and Istre, C. O., Jr.: Hansen's disease and hearing, 478 (Mr)

Seda, H. J., and Snow, J. B., Jr.: Carcinoma of the tonsil, 756 (My)

Selker, R.: See Hilding, D. A.

Shambaugh, G. E., Jr.: Allergy studies, 806 (Je)
The *Archives* takes a bow, 445 (Mr)
Developing ethical code for organ transplantation, 567 (Ap)
Elderly comment on Medicare, 806 (Je)
Fuel on the fire of malpractice claims, 443 (Mr)
International Hippocratic Foundation, 690 (Ap)
Julius Lempert, 1890-1968, 439 (Fe)
Long-term studies of different techniques, 404 (Fe)
Observations on the endolymphatic sac in cases of hydrops, 98 (Ja)
Organ transplantation, 565 (Ap)
Smoking in children, 445 (Mr)
Sodium fluoride for inactivation of the otosclerotic lesion, 381 (Fe)
Test tube malignant transformation, 805 (Je)
Clemis, J. D., and Arenberg, I. K.: Endolymphatic duct and sac in Meniere's disease, 816 (Je)

Shea, J. J.: Polyethylene tube technique, 431 (Fe)
See also House, H. P.; Jordan, R. E.; and Proud, G. O.

Sheehy, J. L., and Powers, W. H.: Incus replacement prosthesis in otosclerosis surgery, 393 (Fe)

Alford, B. R.; Cawthorne, T.; Compere, W. E.; Jongkees, L. B. W.; Hamberger, C-A., and Pulec, J. L.: Neuro-otology for the practicing otologist; round table, 42 (Ja)
See also Derlacki, E. L.

Shilovtseva, A. S.: The complex treatment of patients affected with papillomatosis of the larynx and trachea, 552 (Mr)

Shumrick, D. A.: Supraglottic laryngectomy, 629 (Ap)
See also Bikhazi, H. B.

Siegel, K.: See Rosen, S.

Silverstone, S. M.: See Goldman, J. L.

Simmons, F. B.: Cochlear implants, 61 (Ja)

Sisson, G. A., and Goldstein, J. C.: Intraoral carcinoma, 646 (Ap)

Skinner, E. F.: Ventilating bronchoscopes, 678 (Ap)

Skolnik, E. M.: See Tardy, M. E., Jr.

Smyth, G.: Combined approach tympanoplasty, 250 (Fe)

Snow, J. B., Jr.: See Seda, H. J.; Walker, W. A., Jr.

Sowden, K. A.: See McHugh, H. E.

Stool, S.: See Myers, E. N.

Stout, J. J., Jr.; Trowbridge, W. V., and Ruggles, R. L.: Surgical repair of dural herniation into the mastoid bowl, 850 (Je)

Strahan, R. W.: See Fredrickson, J. M.

Sullivan, J. A.; Mills, D.; Cawthorne, T.; Drachman, D.; Jongkees, L. B. W.; Miehlke, A. and McGovern, F. A.: Management of Bell's palsy; round table, 144 (Ja)

T

Tardy, M. E., Jr.; Skolnik, E. M., and Mills, J. M.: Parotid duct transposition in xerophthalmia, 661 (Ap)

Thompson, E. R.: See Bikhazi, H. B.

Tillman, T. W.: Special hearing tests in otoneurologic diagnosis, 25 (Ja)
See also Bordley, J. E.

Toomey, J. M.: See Bestler, J. M.

Toremalm, N. G.: See Densert, O.

Torok, N.: Vestibular evaluation of the acoustic tumor, 290 (Fe)

Trible, W. M., and Kahaner, H.: Cancer of the larynx and pharynx, 617 (Ap)

Trowbridge, W. V.: See Stout, J. J., Jr.

Turner, J. L.: Hearing results in malleostapediopexy, 499 (Mr)

U

Uemura, T.: Efficacy of therapeutic drugs for vertigo, 895 (Je)

V

Valvassori, G. E.: Cochlear otosclerosis, 383 (Fe)
Diagnosis of acoustic neuromas, 285 (Fe)
Radiologic diagnosis of neuro-otologic problems by tomography, 57 (Ja)
See also Bordley, J. E.; Naunton, R. F.

Vandenhove, P. T. E.: See Boedts, D. A. A.

Vieta, J. O.: See Cracovaner, A. J.

VonLeden, H.: The larynx and voice, medicolegal hints, 550 (Mr)

W

Walike, J. W.: Tube feeding syndrome in head and neck surgery, 533 (Mr)

Walker, E. A., Jr., and Snow, J. B., Jr.: Management of melanoma of nose and paranasal sinuses, 652 (Ap)

Ward, P. H.: See Downey, W. L.

Weiss, J. A.: Orbital blowout fracture, 591 (Ap)

White, I. L.: Submandibular gland sialoangiography, 679 (Ap)

Williams, R. I.: Technique of serial dilution antigen titration, 887 (Je)

Witten, R. M.: See Hitselberger, W. E.; McCabe, B. F.

Work, W. P.; Hohmann, A.; House, W. F.; Plester, D., and Zollner, F.: Osiccular autografts and homografts, 229 (Fe)

Wright, W. K.: See Farrior, J. B.

Y

Yanagisawa, E.: See Rosnagle, R. S.

Yarington, C. T., Jr.; Jaquiss, G. W.: Electrical control of bone growth in ossicles, 856 (Je)

Yules, R. B.: See Sandberg, C. L., Jr.

Z

Zak, F. G.: See Goldman, J. L.

Zollner, F.: Tympanosclerosis, 207 (Ja)
See also Farrior, J. B.; Work, W. P.

SUBJECT INDEX TO VOLUME 89

The following Index is an alphabetical list of significant subjects presented in this volume. Books are listed alphabetically by first author under the heading "BOOK REVIEWS." Page numbers in this Index refer to boldface numbers in the text.

A

Acoustic Impedance: See Sound Impedance

Acoustic Nerve
cochlear implants [Simmons], 61 (Ja)

Acoustic Neuroma
acoustic neurinomas; pathology and differential diagnosis [Nager], 252 (Fe)
audiologic diagnosis [Johnson], 280 (Fe)
diagnosis [Cawthorne], 299 (Fe)
diagnosis [Valvassori], 285 (Fe)
diagnosis; question and answer period [Hoople], 311 (Fe)
early diagnosis [Bucy], 294 (Fe)
early diagnosis; round table [Bordley], 302 (Fe)
question and answer period [Schuknecht], 338 (Fe)
selection of approach [Antoli-Candela], 334 (Fe)
special hearing tests in otoneurologic diagnosis [Tillman], 25 (Ja)
techniques of acoustic neuroma surgery; round table [Bradley], 326 (Fe)
translabyrinthine resection of small acoustic neuroma [Montgomery], 319 (Fe)
transtemporal bone acoustic neuroma surgery [Jongkees], 316 (Fe)
vestibular evaluation [Torok], 290 (Fe)

Acrylic Resins
acrylic frontal cranioplasty [Olson], 774 (My)

Adenovirus
test tube malignant transformation [Shambaugh], 805 (Je)

Aerophagy
unrecognized complication of tracheotomy [Rosnagle], 537 (Mr)

Albers-Schoenberg Disease: See Osteopetrosis.

Allergy: See Hypersensitivity

American Academy of Facial Plastic and Reconstructive Surgery
meeting, Hollywood, Fla., April 27-30, 1968; papers, 569-616 (Ap)

American Society for Head and Neck Surgery
10th annual meeting, Hollywood, Fla., April 24, 1968; papers, 617-668 (Ap)

Anastomosis: See Vascular Surgery

Anesthesia
subgeneral anesthesia [Alpert], 614 (Ap); comments (corres.) [Gaskill], 919 (Je)

Anesthesiology
progress report [Merifield], 669 (Ap)

Angiofibroma: See Angioma

Angioma
maxillary sinus angiofibroma treated with cryosurgery [Maniglia], 527 (Mr)
metastasizing nasopharyngeal angiofibroma [Hormia], 523 (Mr)

Antigens
technique of serial dilution antigen titration [Williams], 887 (Je)

Archives of Otolaryngology
the *Archives* takes a bow [Shambaugh], 445 (Mr)
salutes Dr. David Cogan [Shambaugh], 689 (My)

Atelectasis
management of atelectactic middle ear [Farrior], 199 (Ja)

Audiometry
audiologic diagnosis of acoustic neuromas [Johnson], 280 (Fe)
tests for stapes fixation [Liden], 399 (Fe)
visual reinforcement audiometry [Liden], 865 (Je)
Zwislocki acoustic bridge [Nilges], 727 (My)

B

Bell's Palsy: See Facial Paralysis

Biographies
Archives salutes Dr. David Cogan [Shambaugh], 689 (My)

Blowout Fracture: See Orbit, Injuries

Bone Regeneration
electrical control of bone growth in ossicles [Yarington], 856 (Je)

Bones, Metaphyses
unusual audiological findings in cranial metaphyseal dysplasia [Miller], 861 (Je)

BOOK REVIEWS
Becker, W., et al, eds. Atlas of otorhinolaryngology and bronchoesophagology, 143 (My)
Ericson, S. The parotid gland in subjects with and without rheumatoid arthritis, 560 (Mr)
Rand, R. W., et al, eds. Cryosurgery, 560 (Mr)
Simpson, J. F., et al. A Synopsis of otolaryngology, 441 (Fe)

Branchial Cleft: See Branchioma

Branchioma
branchial cleft carcinoma [Katubig], 750 (My)
branchial cleft cysts in the mediastinum [Downey], 762 (My)

Bronchi
unusual bronchial foreign body [Levine], 540 (Mr)

Bronchoscopy, Instrumentation
ventilating bronchoscopes [Skinner], 678 (Ap)

C

Caloric Response Tests
thermal testing of the vestibular labyrinth [McCabe], 22 (Ja)

Carcinogenesis
test tube malignant transformation [Shambaugh], 805 (Je)

Carcinoma
branchial cleft carcinoma [Katubig], 750 (My)
carcinoma of tonsil [Seda], 756 (My)
intraoral [Sisson], 646 (Ap)
salivary gland neoplasms in childhood [Galich], 878 (Je)
squamous cell carcinoma of nasal septum [Lyons], 585 (Ap)
total resection of the temporal bone for carcinoma [Hilding], 636 (Ap)

Carotid Body Tumor
malignant [Bestler], 752 (My)

Cartilage
anatomical observations of lower lateral cartilages [Gunter], 599 (Ap)
permanent change in shape of cartilage by morselization [Rubin], 603 (Ap)

Caustics
caustic ingestion: current status [Bikhazi], 770 (My)

Cerebrospinal Otorrhea
surgical repair of dural herniation into mastoid bowl [Stout], 850 (Je)

Child, Preschool
visual reinforcement audiometry [Liden], 865 (Je)

Chin
calibrated chin augmentation [Cinelli], 588 (Ap)

Cholesteatoma
cholesteatoma auris behind bony atresia plate [Hoenk], 470 (Mr)
indications for obliteration and closed mastoid operations [Guilford], 191 (Ja)
question and answer period [Lederer], 243 (Fe)
selection of closed vs open technique for cholesteatomas [Derlacki], 211 (Fe)

Chlorpromazine
diphenidol and vestibular function [Katz], 488 (Mr)

Cobalt Isotopes: See Radioisotope Teletherapy

Cochlea
cochlear implants [Simmons], 61 (Ja)
otosclerosis, follow-up after sodium fluoride administration [Valvassori], 383 (Fe)
otosclerotic lesion and cochlear degeneration [Ruedi], 364 (Fe)
sensorineural hearing loss in otosclerosis [Naunton], 372 (Fe)
tomographic findings in cochlear otosclerosis [Valvassori], 377 (Fe)

Cogan, David Glendenning, 1908-
Archives salutes Dr. David Cogan [Shambaugh], 689 (My)

Corporations
favorable legal developments for physicians; medicolegal hints [Shambaugh], 800 (My)

Cranial Metaphyseal Dysplasia: See Fibrous Dysplasia of Bone

Cranial Nerves: See also Acoustic Nerve; Facial Nerve
neuro-otologic tests and examination [Busis], 1 (Ja)

Cryogenic Surgery
maxillary sinus angiofibroma treated with cryosurgery [Maniglia], 527 (Mr)

Cytochemistry: See Histocytochemistry

D

Dacron
siliconized dacron implants in septal and orbital surgery [Patterson], 609 (Ap)

Deafness
asymptomatic maternal rubella and congenital deafness [Karmody], 720 (My)
neurofibromatosis as cause of conductive hearing loss [Collins], 703 (My)

Deafness, cont.
sensorineural hearing loss in otosclerosis [Naunton], 372 (Fe)

Death, Clinical
developing ethical code for organ transplantation [Shambaugh], 567 (Ap)

Dimorpholamine: See Ethylenediamines

Diphenidol
and vestibular function [Katz], 488 (Mr)

DNA
test tube malignant transformation [Shambaugh], 805 (Je)

Droperidol
and fentanyl citrate compound as vestibular depressant [Harris], 482 (Mr)
droperidol-fentanyl citrate in equilibratory disturbances [Boedts], 715 (My)

Dura Mater
surgical repair of dural herniation into mastoid bowl [Stout], 850 (Je)

E

Ear Canal
cholesteatoma auris behind a bony atresia plate [Hoenk], 470 (Mr)
myringoplasty with subcutaneous tissue graft [Sale], 494 (Mr)

Ear, External, Surgery
suture technique of otoplasty [Rothfeld], 883 (Je)

Ear, Internal, Disorders
neuro-otology for practicing otologists [Sheehy], 42 (Ja)
otosclerotic lesions and cochlear degeneration [Ruedi], 364 (Fe)
radiologic diagnosis of neuro-otological problems by conventional radiology [Macmillan], 52 (Ja)
radiologic diagnosis of neuro-otologic problems by tomography [Valvassori], 57 (Ja)
special hearing tests for otoneurologic diagnosis [Carhart], 38 (Ja)
special hearing tests in otoneurologic diagnosis [Tillman], 25 (Ja)

Ear, Internal, Neoplasms: See Acoustic Neuroma

Ear, Middle: See also Tympanic Membrane
human middle ear epithelium [Lim], 835 (Je)
management of atelectatic middle ear [Farrior], 199 (Ja)
secretory cells in the middle ear mucosa of the guinea pig [Hussl], 691 (My)

Ear, Middle, Neoplasms
glomus jugulare tumors; long-term tumors [Rosenwasser], 160 (Ja)
neurofibromatosis as cause of conductive hearing loss [Collins], 703 (My)
selection of closed vs open technique for choleastomas [Derlacki], 211 (Fe)
selection of therapy of glomus jugulare tumors [McCabe], 156 (Ja)

Ear, Middle, Surgery: See also Ear Ossicles; Tympanoplasty
question and answer period [Lederer], 243 (Fe)

Ear Neoplasms
radiologic diagnosis of neuro-otologic problems by tomography [Valvassori], 57 (Ja)
total resection of the temporal bone for carcinoma [Hilding], 636 (Ap)

Ear Ossicles: See also Incus; Stapes
electrical control of bone growth in ossicles [Yarington], 856 (Je)
hearing results in malleostapediopexy [Turner], 499 (Mr)
ossicular autografts and homografts [Work], 299 (Fe)
ossicular transposition [Rytzner], 226 (Fe)
tympanoplasty (ossicular repositioning in reconstruction) [Farrior], 220 (Fe)
Zwislocki acoustic bridge [Nilges], 727 (My)

Earmolds: See Hearing Aids

Eighth-Nerve Neoplasms: See Acoustic Nerve, Neoplasms

Electricity
electrical control of bone growth in ossicles [Yarington], 856 (Je)

Electromyography
an electromyographic investigation of some laryngeal muscles [Hirano], 902 (Je)

Electronystagmography
in vestibular evaluation [Rubin], 19 (Ja)

Endolymph: See Labyrinthine Fluids

Endolymphatic Duct
in Meniere's disease; surgical and histopathologic observations [Shambaugh], 816 (Je)

Endolymphatic Sac
in Meniere's disease; surgical and histopathologic observations [Shambaugh], 816 (Je)
observations on endolymphatic sac in cases of hydrops [Shambaugh], 98 (Ja)
surgery of [Portmann], 101 (Ja)

Endolymphatic Sac, cont.
surgical treatment of vertigo by opening of saccus endolymphaticus [Portmann], 809 (Je)

Endolymphatic Subarachnoid Shunt
shunt and other operations for hydrops [House], 104 (Ja)

Epithelium, Cytology
human middle ear epithelium [Lim], 835 (Je)

ERRATA
442 (Fe)

Esophagus Injuries
caustic ingestion: current status [Bikhazi], 770 (My)

Ethics, Medical
developing ethical code for organ transplantation [Shambaugh], 567 (Ap)
"double standard" (corres.) [House], 442 (Fe); reply [Page], 442 (Fe)

Ethylenediamines
efficacy of therapeutic drugs [Demura], 895 (Je)

Experimentation
medical ethics (corres.) [House], 442 (Fe); reply [Page], 442 (Fe)

F

Facial Muscles, Abnormalities
facial paralysis and muscle agenesis in the newborn [McHugh], 131 (Ja)

Facial Nerve
total facial nerve exposure [Pulec], 179 (Ja)

Facial Paralysis
and muscle agenesis in newborn [McHugh], 131 (Ja)
Bell's palsy; neurological point of view [Drachman], 147 (Ja)
Bell's palsy in pregnancy [Pope], 830 (Je)
Bell's palsy; ten cases in a family, [DeSanto], 700 (My)
management of Bell's palsy; experimental aspects [McGovern], 144 (Ja)
management of Bell's palsy; round table [Sullivan], 144 (Ja)
tests for facial nerve function [Jongkees], 127 (Ja)
typical sites of facial-nerve lesions [Miehlke], 122 (Ja)

Femoral Veins
use of venous homotransplant in tympanoplasty [Bogomilsky], 790 (My)

Fenestra Vestibuli
stapedectomy without window sealing [Romero-Diaz], 807 (Je)

Fenestration
long-term studies of different techniques [Shambaugh], 404 (Fe)
polyethylene tube technique [Shea], 431 (Fe)

Fentanyl Citrate
droperidol and fentanyl citrate compound as a vestibular depressant [Harris], 482 (Mr)
droperidol-fentanyl citrate in equilibratory disturbances [Boedts], 715 (My)

Fibrous Dysplasia of Bone
fibrous dysplasia of the temporal bone [Cohen], 447 (Mr)
unusual audiological findings in cranial metaphyseal dysplasia [Miller], 861 (Je)

Fluorides
cochlear otosclerosis, follow-up after sodium fluoride administration [Valvassori], 383 (Fe)
sodium fluoride for inactivation of otosclerotic lesion [Shambaugh], 381 (Fe)

Foreign Bodies
unusual bronchial foreign body [Levine], 540 (Mr)

Frontal Bone
acrylic frontal cranioplasty [Olson], 774 (My)

G

Gelatin
five-year study of wire loop-absorbable gelatin sponge technique [House], 420 (Fe)

Glomus Jugulare Tumor: See Ear, Middle, Neoplasms

Granuloma: See Myoblastoma

H

Hansen's Disease: See Leprosy

Head, Surgery
tube feeding syndrome in head and neck surgery [Walike], 533 (Mr)
Z-plasty in head and neck surgery [Bernstein], 574 (Ap)

Hearing
cochlear implants [Simmons], 61 (Ja)
Hansen's disease and hearing [Schuring], 478 (Mr)
hearing results in malleostapediopexy [Turner], 499 (Mr)
Rosen mobilization and stapedectomy; long-term results with special reference to high frequencies [Rosen], 425 (Fe)

Hearing, Bone Conduction
unusual audiological findings in cranial metaphyseal dysplasia [Miller], 861 (Je)

Hearing Aids
non-occluding earmolds with CROS and IROS hearing aids [Green], 512 (Mr)

Hearing Tests
special hearing tests for otoneurologic diagnosis [Carhart], 38 (Ja)
special hearing tests in otoneurologic diagnosis [Tillman], 25 (Ja)

Histocytochemistry
human middle ear epithelium [Lim], 835 (Je)

Hydrops, Endolymphatic: See Meniere's Disease

Hypersensitivity
allergy studies [Shambaugh], 806 (Je)
technique of serial dilution antigen titration [Williams], 887 (Je)

I

Iatrogenic Diseases
typical sites of facial-nerve lesions [Miehlke], 122 (Ja)

Implants: See also Dacron
orbital floor implants [Gamble], 596 (Ap)

Incus
incus replacement prosthesis in otosclerosis surgery [Sheehy], 393 (Fe)

Infants, Diseases
temporal bone in osteopetrosis [Myers], 460 (Mr)

Infants, Newborn
facial paralysis and muscle agenesis in the newborn [McHugh], 131 (Ja)
teratoma of tonsil [Blair], 745 (My)

Innovar: See Fentanyl Citrate

Insurance, Liability
critical malpractice problem [House], 685 (My)

Instruments and Apparatus: See also Bronchoscopy, Instrumentation; Otoscope
bite-ometer [Sandberg], 682 (Ap)

Intubation, Intratracheal
unusual bronchial foreign body [Levine], 540 (Mr)

Intubation, Nasogastric
tube feeding syndrome in head and neck surgery [Walike], 533 (Mr)

J

Jugular Vein, Radiography
jugular venography [Hitselberger], 167 (Ja)

K

Keratosis
myringitis secondary to a keratin horn [Gregg], 707 (My)

L

Labyrinth: See also Endolymphatic Sac
human internal auditory canal [Amjad], 709 (My)

Labyrinth, Surgery
choice of labyrinthine surgery for hydrops [Cawthorne], 108 (Ja)
surgery for hydrops [Antoli-Candela], 115 (Ja)
surgery for hydrops, round table [Jordan], 112 (Ja); continued, 117 (Ja)
translabyrinthine resection of small acoustic neuroma [Montgomery], 319 (Fe)

Labyrinthine Fluids
dynamics [Lawrence], 85 (Ja)
endolymphatic duct and sac in Meniere's disease; surgical and histopathologic observations [Shambaugh], 816 (Je)
endolymphatic hydrops [Anson], 70 (Ja)
observations on endolymphatic sac in cases of hydrops [Shambaugh], 98 (Ja)

Laryngeal Muscles
extrinsic laryngeal muscles (corres.) [Arnold], 557 (Mr); reply [Hast], 557 (Mr)
motor units of laryngeal muscles [English], 778 (My)
style of phonation; an electromyographic investigation of some laryngeal muscles [Hirano], 902 (Je)

Laryngeal Neoplasms
cancer; five-year end results [Tirble], 617 (Ap)
complex treatment of patients affected with papillomatosis of larynx and trachea [Shilovtseva], 552 (Mr)
granular cell myoblastoma [Schneider], 873 (Je)
serial microscopic studies of radical neck dissections [Goldman], 620 (Ap)
supraglottic laryngectomy [Shumrick], 629 (Ap)
tritiated thymidine studies of radiated laryngeal cancer [Friedman], 766 (My)
verrucas and juvenile laryngeal papillomas [Kaufman], 748 (My)

Laryngectomy
supraglottic, in treatment of laryngeal cancer [Shumrick], 629 (Ap)

Larynx, Injuries
larynx and voice, medicolegal hints [Von Leden], 550 (Mr)

Lempert, Julius, 1890-1968
editorial tribute [Shambaugh], 439 (Fe)

Leontiasis Ossium
unusual audiological findings in cranial metaphyseal dysplasia [Miller], 861 (Je)

Leprosy
Hansen's disease and hearing [Schuring], 478 (Mr)

M

Malleostapediopexy: See Ear Ossicles

Malpractice
critical malpractice problem [House], 685 (My)
favorable legal developments for physicians, medicolegal hints [Shambaugh], 800 (My)
fuel on the fire of malpractice claims [Shambaugh], 443 (Mr)
unjust suits (corres.) [Salinger], 919 (Je)

Mastication
bite-ometer [Sandberg], 682 (Ap)

Mastoid
surgical repair of dural hernation into mastoid bowl [Stout], 850 (Je)

Mastoidectomy
complications following obliterative mastoid operations [Beales], 196 (Ja)
hearing results in malleostapediopexy [Turner], 499 (Mr)
indications for obliteration and closed mastoid operations [Guilford], 191 (Ja)
simple subcortical mastoidectomy, editorial comment [Donaldson], 912 (Je)
simple subcortical mastoidectomy (reprint, 1928) [Lempert], 912 (Je)

Mastoiditis
cholesteatoma auris behind a bony atresia plate [Hoenk], 470 (Mr)

Maxillary Sinus, Neoplasms
failure to diagnose, medicolegal hints, 915 (Je)
maxillary sinus angiofibroma treated with cryosurgery [Maniglia], 527 (Mr)

Mediastinal Neoplasms
branchial cleft cysts in the mediastinum [Downey], 762 (My)

Medicare
elderly comment on Medicare [Shambaugh], 806 (Je)

MEDICOLEGAL HINTS
failure to diagnose cancer of maxillary sinus, 915 (Je)
favorable legal developments for physicians, medicolegal hints [Shambaugh], 800 (My)
larynx and voice [Von Leden], 551 (Mr)

Medico-Moral Problems: See Transplantation

Melanoma
management of melanoma of nose and paranasal sinuses [Walker], 652 (Ap)

Meniere's Disease
choice of labyrinthine surgery for hydrops [Cawthorne], 108 (Ja)
droperidol-fentanyl citrate in equilibratory disturbances [Boedts], 715 (My)
endolymphatic duct and sac in Meniere's disease; surgical and histopathologic observations [Shambaugh], 816 (Je)
endolymphatic sac surgery [Portmann], 101 (Ja)
medical management of [Clemis], 90 (Ja)
observations on endolymphatic sac in cases of hydrops [Shambaugh], 98 (Ja)
postoperative complications of stapedectomy [House], 384 (Fe)
present status of ultrasonic therapy [Angell-James], 95 (Ja)
shunt and other operations for hydrops [House], 104 (Ja)
surgery for hydrops [Antoli-Candela], 115 (Ja)
surgery of hydrops, round table [Jordan], 112 (Ja); 117 (Ja)
surgical treatment of vertigo by opening of saccus endolymphaticus [Portmann], 809 (Je)

Mesenchymoma
benign, of the tongue [Cracovaner], 665 (Ap)

Methyl Methacrylate: See Acrylic Resins.

Microscopy
serial microscopic studies of radical neck dissections [Goldman], 620 (Ap)

Microscopy, Electron
human middle ear epithelium [Lim], 835 (Je)
secretory cells in the middle ear mucosa of the guinea pig [Hussl], 691 (My)

Microsurgery
third workshop, Chicago, March 27-31, 1967; papers, 1-210 (Ja); 211-438 (Fe)

Microvascular Surgery: See Vascular Surgery

Morselizer: See Rhinoplasty, Instrumentation.

Motor Neurons
motor units of laryngeal muscles [English], 778 (My)

Mouth Neoplasms
intraoral carcinoma [Sisson], 646 (Ap)

Mucous Membrane, Cytology
secretory cells in the middle ear mucosa of the guinea pig [Hussl], 691 (My)

Muscles, Innervation
motor units of laryngeal muscles [English], 778 (My)

Myoblastoma
granuloma cell myoblastoma of larynx [Schneider], 873 (Je)

Myringitis: See Tympanic Membrane, Neoplasms

Myringoplasty
with subcutaneous tissue graft [Sale], 494 (Mr)

N

Nasal Septum
permanent change in shape of cartilage by morselization [Rubin], 603 (Ap)
siliconized dacron implants in septal and or bital surgery [Patterson], 609 (Ap)
squamous cell carcinoma [Lyons], 585 (Ap)

Nasopharyngeal Neoplasms
metastasizing nasopharyngeal angiofibroma [Hormia], 523 (Mr)

Neck Neoplasms: See Laryngeal Neoplasms

Neck, Surgery
tube feeding syndrome in head and neck surgery [Walike], 533 (Mr)
Z-plasty in head and neck surgery [Bernstein], 574 (Ap)

Neoplasm Metastasis
metastasizing nasopharyngeal angiofibroma [Hormia], 523 (Mr)

Neoplasms, Embryonal and Mixed
salivary gland neoplasms in childhood [Galich], 878 (Je)

Nervus Canalis Pterygoidei: See Vidian Nerve

Neurofibromatosis
a cause of conductive hearing loss [Collins], 703 (My)

Neuroma, Acoustic: See Acoustic Neuroma

NEWS AND COMMENT
440 (Fe); 562 (Mr); 802 (My); 916 (Je)

Nose Neoplasms
management of melanoma of nose and paranasal sinuses [Walker], 652 (Ap)

Nose Surgery: See Rhinoplasty

Nystagmus: See also Electronystagmography
diagnostic significance of recent observations [Fredrickson], 504 (Mr)
diphenidol and vestibular function [Katz], 488 (Mr)
droperidol and fentanyl citrate compound as vestibular depressant [Harris], 482 (Mr)
droperidol-fentanyl citrate in equilibratory disturbances [Boedts], 715 (My)
efficacy of therapeutic drugs for vertigo [Uemura], 895 (Je)
evaluation of vestibular testing [McNally], 31 (Ja)
neuro-otologic tests and examination [Busis], 1 (Ja)
vestibular physiology and tests [Jongkees], 11 (Ja)

O

OBITUARIES
Lempert, Julius, 1890-1968 [Shambaugh], 439 (Fe)

Oculomotor Muscles
nystagmus; diagnostic significance of recent observations [Fredrickson], 504 (Mr)

Oncogenic Viruses
test tube malignant transformation [Shambaugh], 805 (Je)

Orbit, Injuries
orbital blowout fracture [Weiss], 591 (Ap)
orbital floor implants [Gamble], 596 (Ap)
siliconized dacron implants in septal and orbital surgery [Patterson], 609 (Ap)

Osteogenesis
electrical control of bone growth in ossicles [Yarington], 856 (Je)

Osteopetrosis
temporal bone in [Myers], 460 (Mr)

Otitis Media
musculoplasty for restoration of hearing in chronic suppurative ears [Rambo], 184 (Ja)
tympanosclerosis [Zollner], 207 (Ja)

OTOLARYNGOLOGIC CLASSICS
simple subcortical mastoidectomy, editorial comment [Donaldson], 912 (Je)
simple subcortical mastoidectomy (reprint, 1928) [Lempert], 912 (Je)

Otolaryngological Societies
directory, 920 (Je)

Otosclerosis
cochlear, follow-up after sodium fluoride administration [Valvassori], 383 (Fe)
histopathology [Nager], 341 (Fe)
incus replacement prosthesis in otosclerosis surgery [Sheehy], 393 (Fe)
long-term studies of different techniques [Shambaugh], 404 (Fe)
otosclerotic lesion and cochlear degeneration [Ruedi], 364 (Fe)
postoperative complications of stapedectomy [House], 384 (Fe)
progress report [Kerth], 794 (My)
sensorineural hearing loss in [Naunton], 372 (Fe)
sodium fluoride for inactivation of the otosclerotic lesion [Shambaugh], 381 (Fe)
tomographic findings in cochlear otosclerosis [Valvassori], 377 (Fe)

Otoscope
simple otoscopic "Siegle's speculum" facility [Dawson], 785 (My)

Oval Window: See Fenestra Vestibuli

P

Papilloma
complex treatment of patients affected with papillomatosis of larynx and trachea [Shilovtseva], 552 (Mr)
verrucas and juvenile laryngeal papillomas [Kaufman], 748 (My)

Paraganglioma, Nonchromaffin
glomus jugulare tumors (corres.) [Harpman], 557 (Mr); reply [Rosenwasser], 558 (Mr)
glomus jugulare tumors; long-term tumors [Rosenwasser], 160 (Ja)
management of glomus tumors [McCabe], 170 (Ja)
selection of therapy of glomus jugulare tumors [McCabe], 156 (Ja)

Paranasal Sinus Neoplasms
management of melanoma of nose and paranasal sinuses [Walker], 652 (Ap)

Parotid Gland
parotid duct transposition in xerophthalmia [Tardy], 661 (Ap)

Pharyngeal Neoplasms
cancer; five-year end results [Trible], 617 (Ap)

Phlebography: See Jugular Vein, Radiography

Phonation: See Voice

Physician-Patient Relations
elderly comment on Medicare [Shambaugh], 806 (Je)

Polyethylenes
polyethylene tube technique [Shea], 431 (Fe)

Postoperative Complications
complications following obliterative mastoid operations [Beales], 196 (Ja)
typical sites of facial-nerve lesions [Miehlke], 122 (Ja)

Potentials: See Electricity

Preanesthetic Medication
subgeneral anesthesia [Alpert], 614 (Ap)

Pregnancy Complications
asymptomatic maternal rubella and congenital deafness [Karmody], 720 (My)
Bell's palsy in pregnancy [Pope], 830 (Je)

PROGRESS REPORT
anesthesiology 1967 [Merifield], 669 (Ap)
otosclerosis (1966-1967) [Kerth], 794 (My)

R

Radical Neck Dissection
malignant carotid body tumor [Bestler], 752 (My)
serial microscopic studies of radical neck dissections [Goldman], 621 (Ap)

Radioisotope Teletherapy
serial microscopic studies of radical neck dissections [Goldman], 620 (Ap)

Recklinghausen's Disease of Nerve: See Neurofibromatosis

Recurrent Nerve
experimental resection [McDevitt], 892 (Je)

RESIDENT'S PAGE
546 (Mr); 674 (Ap); 786 (My); 908 (Je)

Rhinitis
transpalatal approach for vidian neurectomy [Chandra], 542 (Mr)

Rhinoplasty
anatomical observations of lower lateral cartilages [Gunter], 599 (Ap)
permanent change in shape of cartilage by morselization [Rubin], 602 (Ap)

Rosen Mobilization: See Stapedectomy

Rubella
asymptomatic maternal rubella and congenital deafness [Karmaody], 720 (My)

Russia
complex treatment of patients affected with papillomatosis of larynx and trachea [Shilovtseva], 552 (Mr)
use of venous homotransplant in tympanoplasty [Bogomilsky], 790 (My)

S

Salivary Gland Neoplasms
in childhood [Galich], 878 (Je)

Schwannoma: See Neuroma, Acoustic

Sialography
submanidibular gland sialoangiography [White], 679 (Ap)

Siegle's Otoscope: See Otoscope

Skin Tests
technique of serial dilution antigen titration [Williams], 887 (Je)

Smoking
in children [Shambaugh], 445 (Mr)

Snoring
use of ear plugs (corres.) [Boulware], 558 (Mr)

Sound Impedance
Zwislocki acoustic bridge [Nilges], 727 (My)

Speech Discrimination
non-occluding earmolds with CROS and IROS hearing aids [Green], 512 (Mr)

Spine of Henle: See Temporal Bone

Stapes, Surgery
current techniques [Proud], 432 (Fe)
discussion of long-term results; round table [McCabe], 408 (Fe)

Stapes, Surgery, cont.
fat-and-wire stapedectomy surgery [McGee], 423 (Fe)
five-year study of wire loop-absorbable gelatin sponge technique [House], 420 (Fe)
long-term results in partial stapedectomy [Hough], 414 (Fe)
long-term results in stapedectomy [Antoli-Candela], 412 (Fe)
long-term results in stapedectomy [Ruedi], 429 (Fe)
long-term studies in different techniques [Shambaugh], 404 (Fe)
postoperative complications of stapedectomy [House], 384 (Fe)
Rosen mobilization and stapedectomy [Rosen], 425 (Fe)
stapedectomy without window sealing [Romero-Diaz], 807 (Je)
survey; five year study [Belluci], 408 (Fe)
tests for stapes fixation [Liden], 399 (Fe)
vein plug stapedectomy results [Kos], 422 (Fe)
Wegener's granulomatosis following stapedectomy [Densert], 826 (Je)

Submandibular Gland
sialoangiography [White], 679 (Ap)

Suprameatal Spine: See Temporal Bone

Surgery, Plastic: See also Rhinoplasty
acrylic frontal cranioplasty [Olson], 774 (My)
calibrated chin augmentation [Cinelli], 588 (Ap)
suture technique of otoplasty [Rothfeld], 883 (Je)
Z-plasty in head and neck surgery [Bernstein], 574 (Ap)

Suture Technics
of otoplasty [Rothfeld], 883 (Je)
technique of microvascular suture anastomosis [Fredrickson], 569 (Ap)

T

Temporal Bone: See also Mastoid
fibrous dysplasia [Cohen], 447 (Mr)
history of transtemporal bone acoustic neuroma surgery [Jongkees], 316 (Fe)
temporal bone in osteopetrosis [Myers], 460 (Mr)
total resection of temporal bone for carcinoma [Hilding], 636 (Ap)
tympanoplasty (ossicular repositioning in reconstruction) [Farrior], 220 (Fe)

Temporal Lobe, Disease
nystagmus; diagnostic significance of recent observations [Fredrickson], 504 (Mr)

Temporal Muscle
musculoplasty for restoration of hearing in chronic suppurative ears [Rambo], 184 (Ja)

Teratoid Tumor
of tonsil [Blair], 745 (My)

Thermal Tests: See Carloric Response Tests.

Thymidine
tritiated thymidine studies of radiated laryngeal cancer [Friedman], 766 (My)

Tomography
radiologic diagnosis of neuro-otologic problems by tomography [Valvassori], 57 (Ja)
tomographic findings in cochlear otosclerosis [Valvassori], 377 (Fe)

Tongue Neoplasms
benign mesenchymoma [Cracovaner], 665 (Ap)
intraoral carcinoma [Sisson], 646 (Ap)

Tonsil Neoplasms
carcinoma [Seda], 756 (My)
teratoma [Blair], 745 (My)

Tonsillectomy
on outpatient basis (corres.) [Rubin], 558 (Mr)
use of wide tongue blade (corres.) [Ochs], 559 (Mr); reply [Gardner], 559 (Mr)

Tonsillectomy, Complications
the *Archives* take a bow [Shambaugh], 445 (Mr)

Tracheal Neoplasms
complex treatment of patients affected with papillomatosis of the larynx and trachea [Shilovtseva], 552 (Mr)

Tracheotomy, Complications
aerophagia [Rosnagle], 537 (Mr)

Transplantation: See also Ear Ossicles
developing ethical code for organ transplantation [Shambaugh], 567 (Ap)
myringoplasty with subcutaneous tissue graft [Sale], 494 (Mr)
organ transplantation [Shambaugh], 565 (Ap)
technique of microvascular suture anastomosis [Fredrickson], 569 (Ap)
use of venous homotransplant in tympanoplasty [Bogomilsky], 790 (My)

Tritium
tritiated thymidine studies of radiated laryngeal cancer [Friedman], 766 (My)

Tympanic Membrane
myringitis secondary to a keratin horn [Gregg], 707 (My)
a simple otoscopic "Siegle's speculum" facility [Dawson], 785 (My)
tests for stapes fixation [Liden], 399 (Fe)

Tympanoplasty
combined approach tympanoplasty [Smith], 251 (Fe)
hearing results in malleostapediopexy [Turner], 499 (Mr)
musculoplasty for restoration of hearing in chronic suppurative ears [Rambo], 184 (Ja)
ossicular repositioning in reconstruction [Farrior], 221 (Fe)
types and indications of staging [Austin], 235 (Fe)
use of venous homotransplant in tympanoplasty [Bogomilsky], 790 (My)

Tympanosclerosis
operative methods and successes [Zollner], 207 (Ja)

U

Ultrasonic Therapy
in Meniere's disease, present status [Angell-James], 95 (Ja)

V

Vascular Surgery
technique of microvascular suture anastomosis [Fredrickson], 569 (Ap)

Vasomotor System
transpalatal approach for vidian neurectomy [Chandra], 542 (Mr)

Venography: See Jugular Vein, Radiography

Verruca: See Warts

Vertigo: See also Meniere's Disease
efficacy of therapeutic drugs for vertigo [Uemura], 895 (Je)
neuro-otology for the practicing otologist [Sheehy], 42 (Ja)

Vestibular Apparatus
diphenidol and vestibular function [Katz], 488 (Mr)
droperidol and fentanyl citrate compound as a vestibular depressant [Harris], 482 (Mr)
droperidol-fentanyl citrate in equilibratory disturbances [Boedts], 715 (My)
endolymphatic hydrops [Anson], 70 (Ja)
nystagmus; diagnostic significance of recent observations [Fredrickson], 504 (Mr)

Vestibular Function Tests: See also Electronystagmography
evaluation of vestibular testing [McNally], 31 (Ja)
neuro-otologic tests and examination [Busis], 1 (Ja)
special hearing tests for otoneurologic diagnosis [Carhart], 38 (Ja)
thermal testing of vestibular labyrinth [McCabe], 22 (Ja)
vestibular evaluation of acoustic tumor [Torok], 290 (Fe)
vestibular physiology and tests [Jongkees], 11 (Ja)

Vidian Nerve
transpalatal approach for vidian neurectomy [Chandra], 542 (Mr)

Visual Stimulus
visual reinforcement audiometry [Liden], 865 (Je)

Vocabulary
four words to shun (corres.) [House], 919 (Je)

Voice
larynx and voice, medicolegal hints [Von Leden], 550 (Mr.
style of phonation; an electromyographic investigation of some laryngeal muscles [Hirano], 902 (Je)

W

Warts
verrucas and juvenile laryngeal papillomas [Kaufman], 748 (My)

Water-Electrolyte Balance
tube feeding syndrome in head and neck surgery [Walike], 533 (Mr)

Workshop on Microsurgery of the Ear
third, Chicago, March 27-31, 1967; papers, 1-210 (Ja); 211-438 (Fe)

Wegener's Granulomatosis
following stapedectomy [Densert], 826 (Je)

X

Xerophthalmia
parotid duct transposition in xerophthalmia [Tardy], 661 (Ap)

Z

Z-Plasty: See Surgery, Plastic, Technics.

Zwislocki Acoustic Bridge: See Sound Impedance